



National
Foreign
Assessment
Center

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Scientific Intelligence Monthly Review

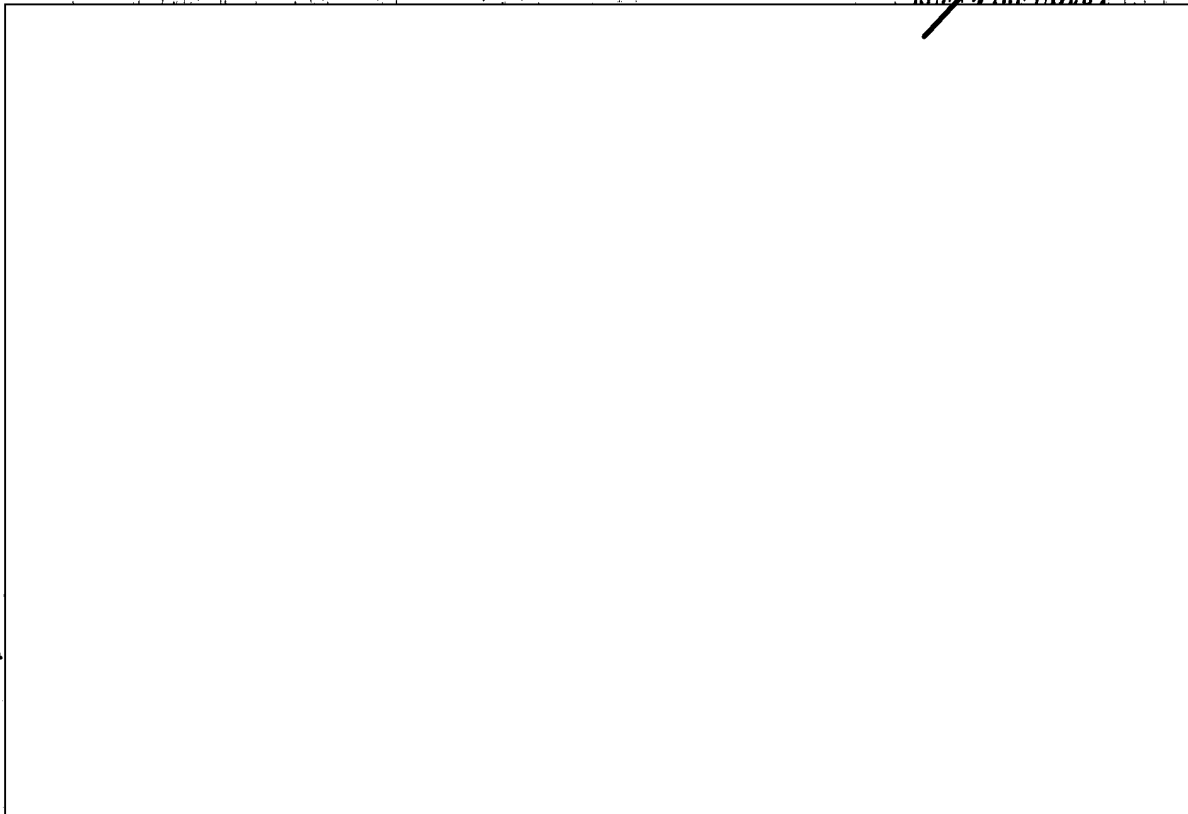
31 October 1979

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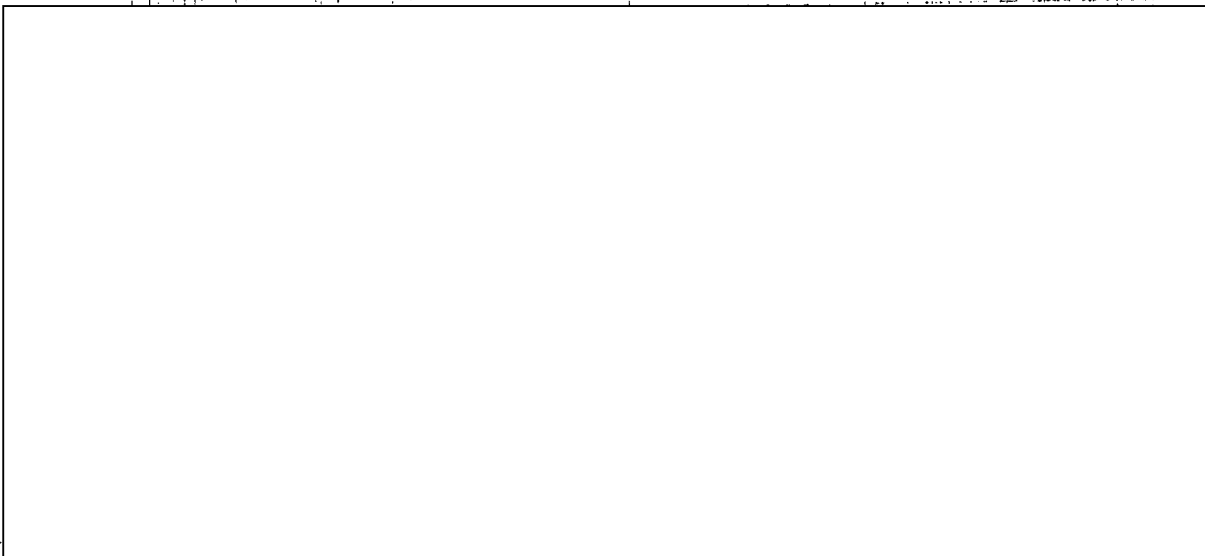
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**Weapons Intelligence Highlights,
September 1979** ☐

The highlights present an executive summary of
significant weapons developments and analysis. ☐



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**Weapons Intelligence Highlights,
September 1979**

*Programs Analysis Division
Office of Weapons Intelligence*

Space

***PRC Interested in Japanese
Solid-Propellant Technology***

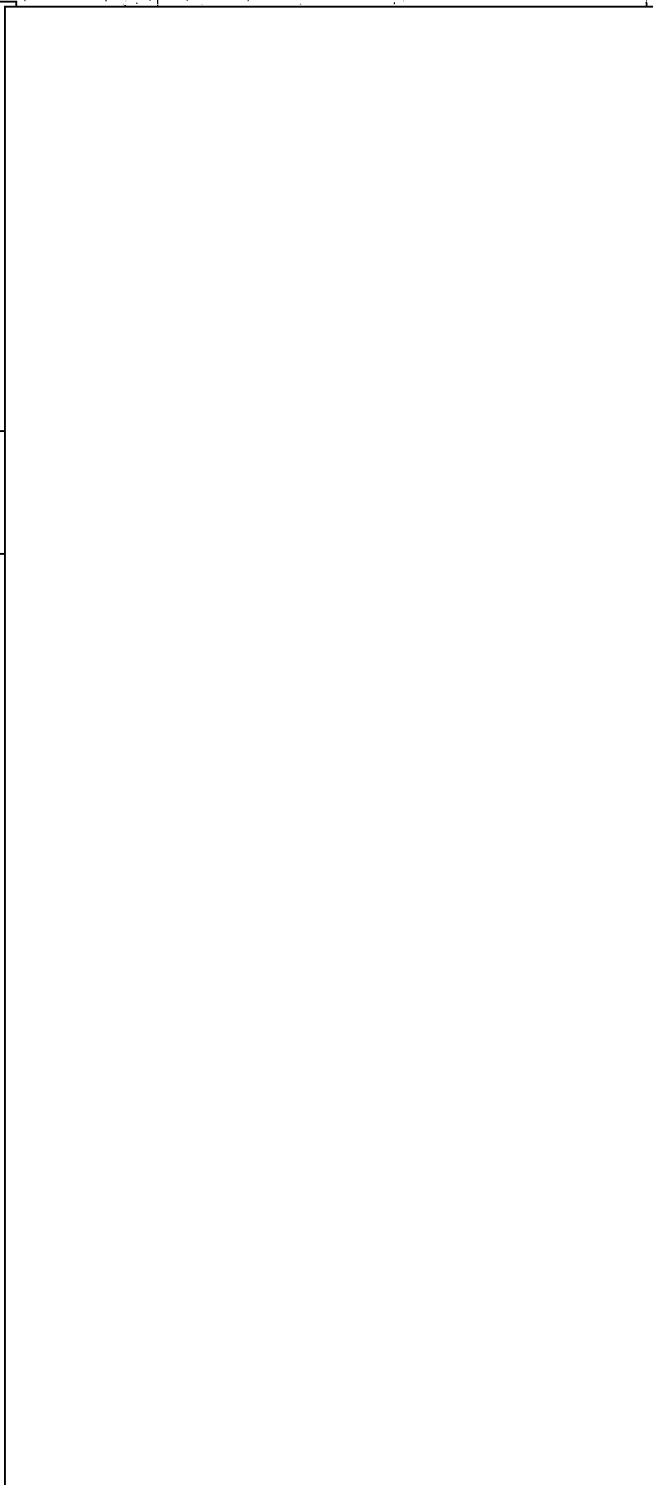
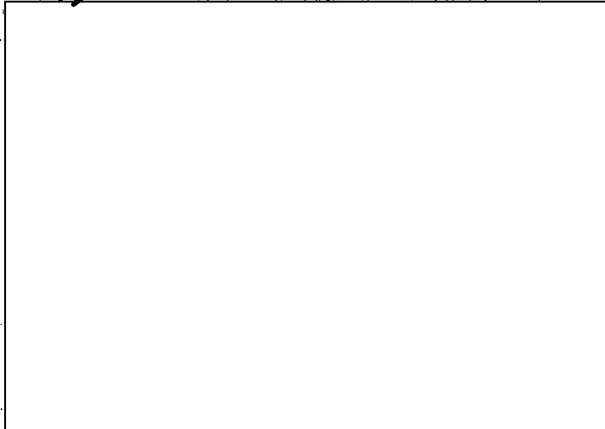
The Chinese apparently have renewed their efforts to obtain Japanese composite-base solid-propellant technology. [] this technology is needed for launch of a "broadcast satellite." The broadcast satellite referred to is probably the communications satellite that the PRC intended to place into geostationary orbit in the 1979-1980 time frame. This program has reportedly slipped to at least 1982. The Chinese have admitted serious problems in developing its high-energy liquid-propellant third stage. The Chinese currently are developing a new three-stage liquid-propellant launch vehicle with an additional stage for placing the satellite into geosynchronous orbit. []

***PRC Scientific Space Program
Suffers Setback***

The PRC's first attempt to orbit a true scientific satellite failed on 27 July. The failure followed at least

[] The satellite, for which planning probably began in the early 1970s, was reported to be equipped with instruments to measure energy from the sun and the earth's magnetosphere. The failure is a significant setback to China's scientific space exploration program. []

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Land-Based Missile Systems

PRC Developing New Missile System



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